

APPENDIX E: 1990 Smolt Migration Timing Plots

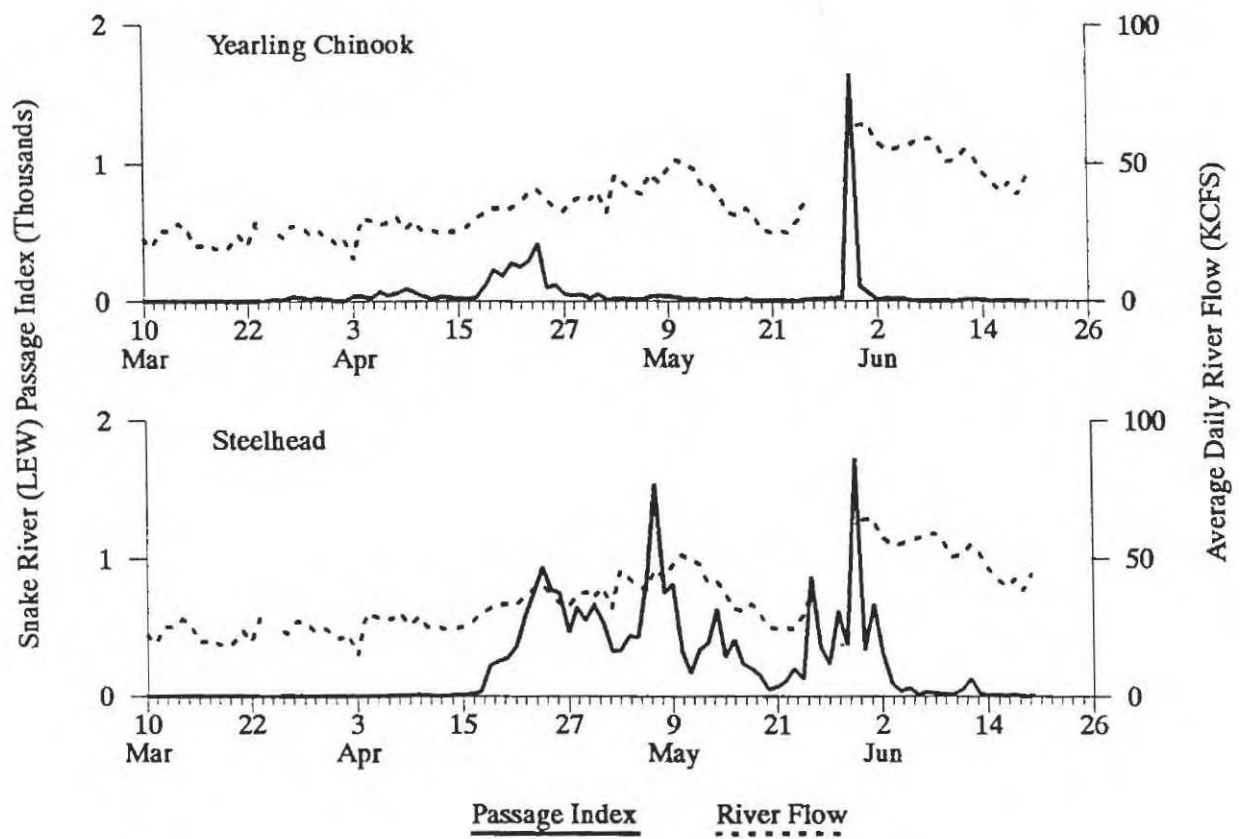


Figure E-1. Smolt migration timing at the Snake River (Lewiston) Trap with the associated flow.

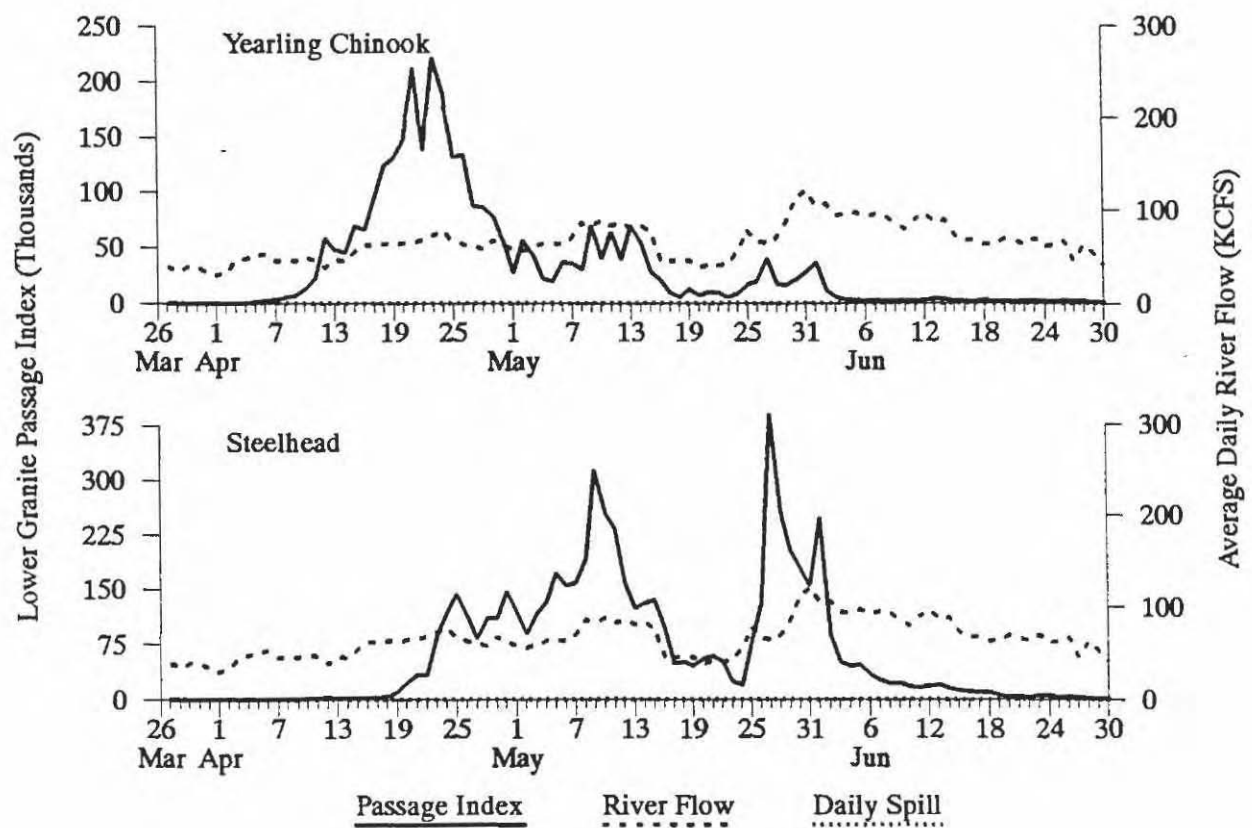


Figure E-2. Smolt migration timing at Lower Granite Dam with associated flow and spill.

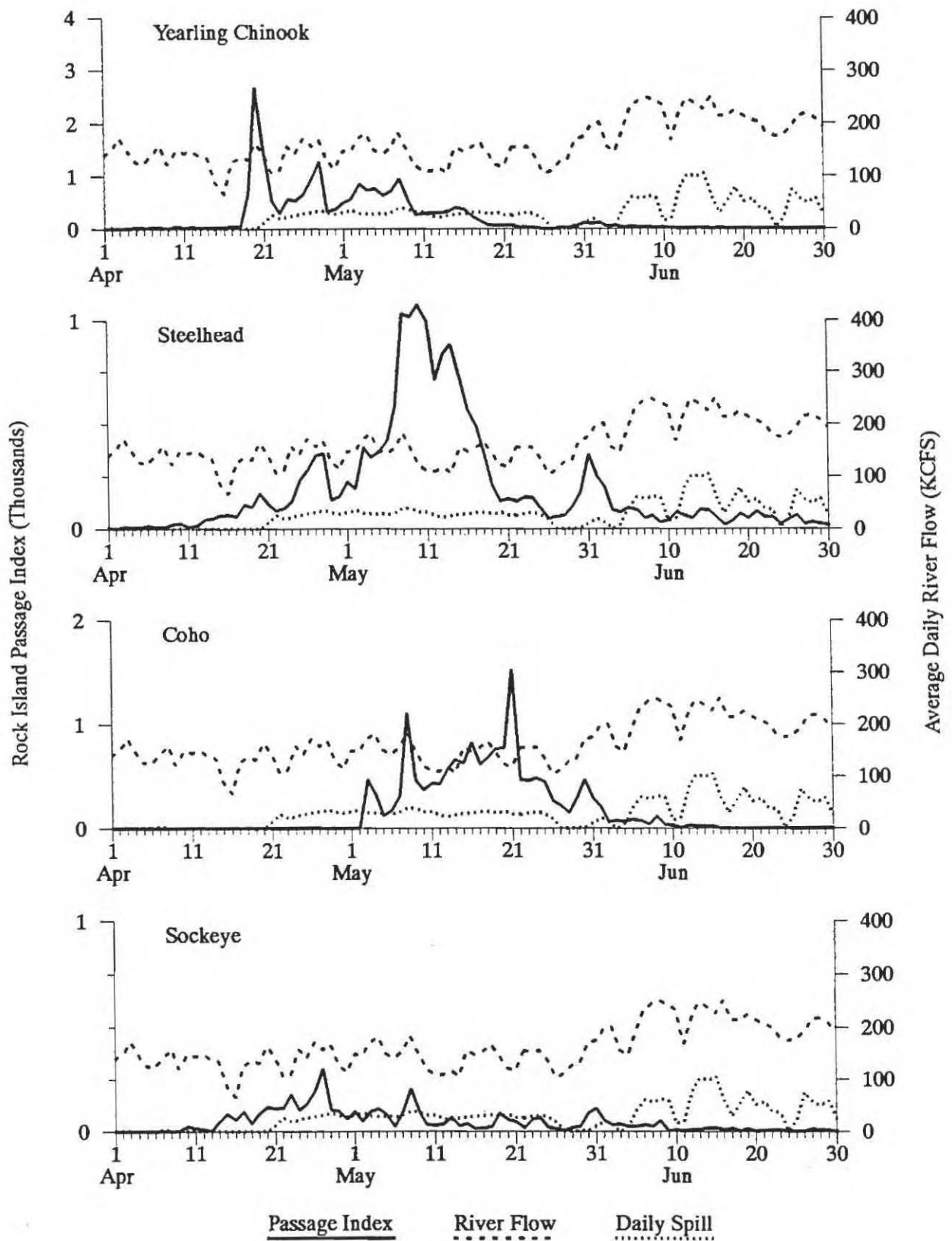


Figure E-3. Smolt migration timing at Rock Island Dam with associated flow and spill.

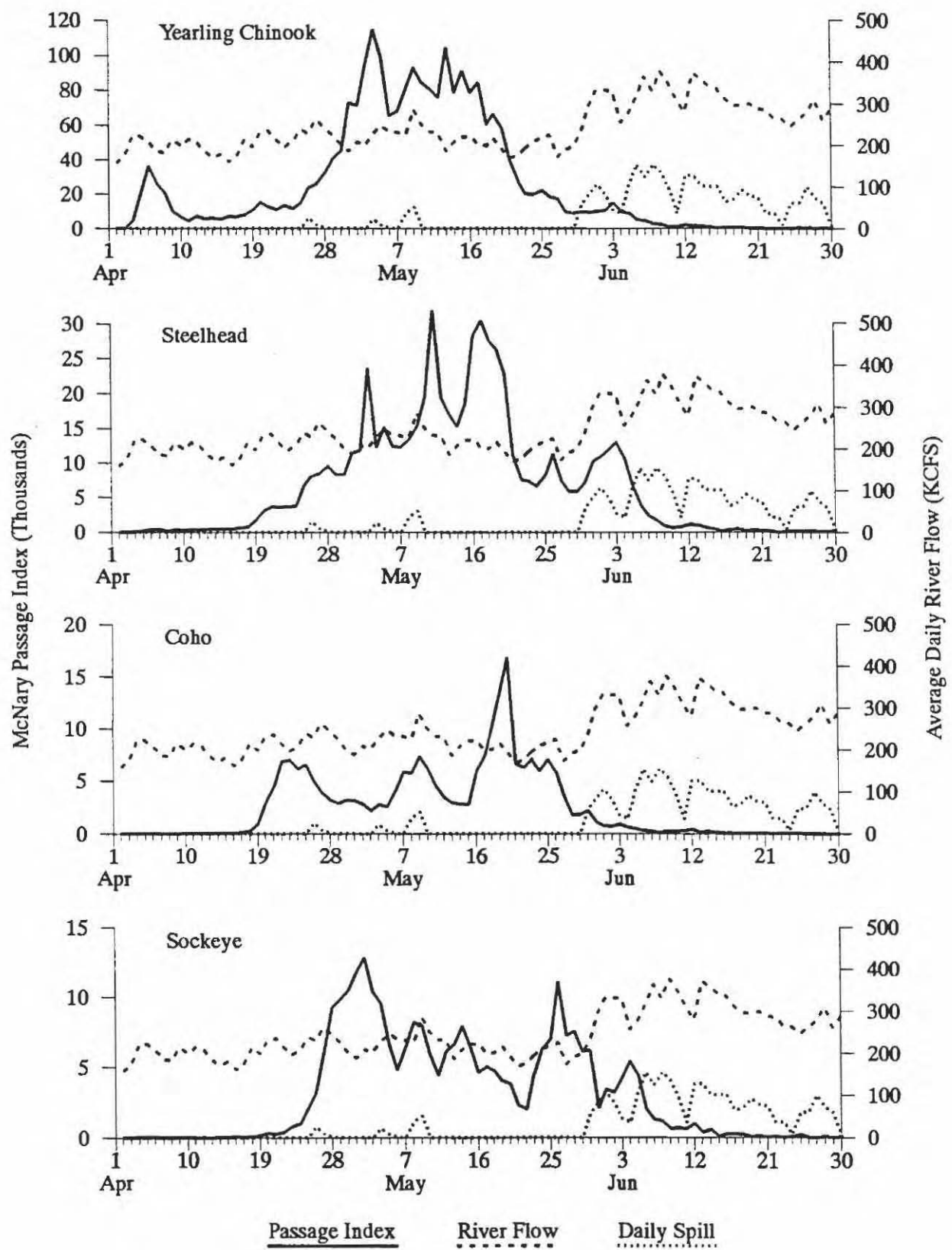


Figure E-4. Smolt migration timing at McNary Dam with associated flow and spill.

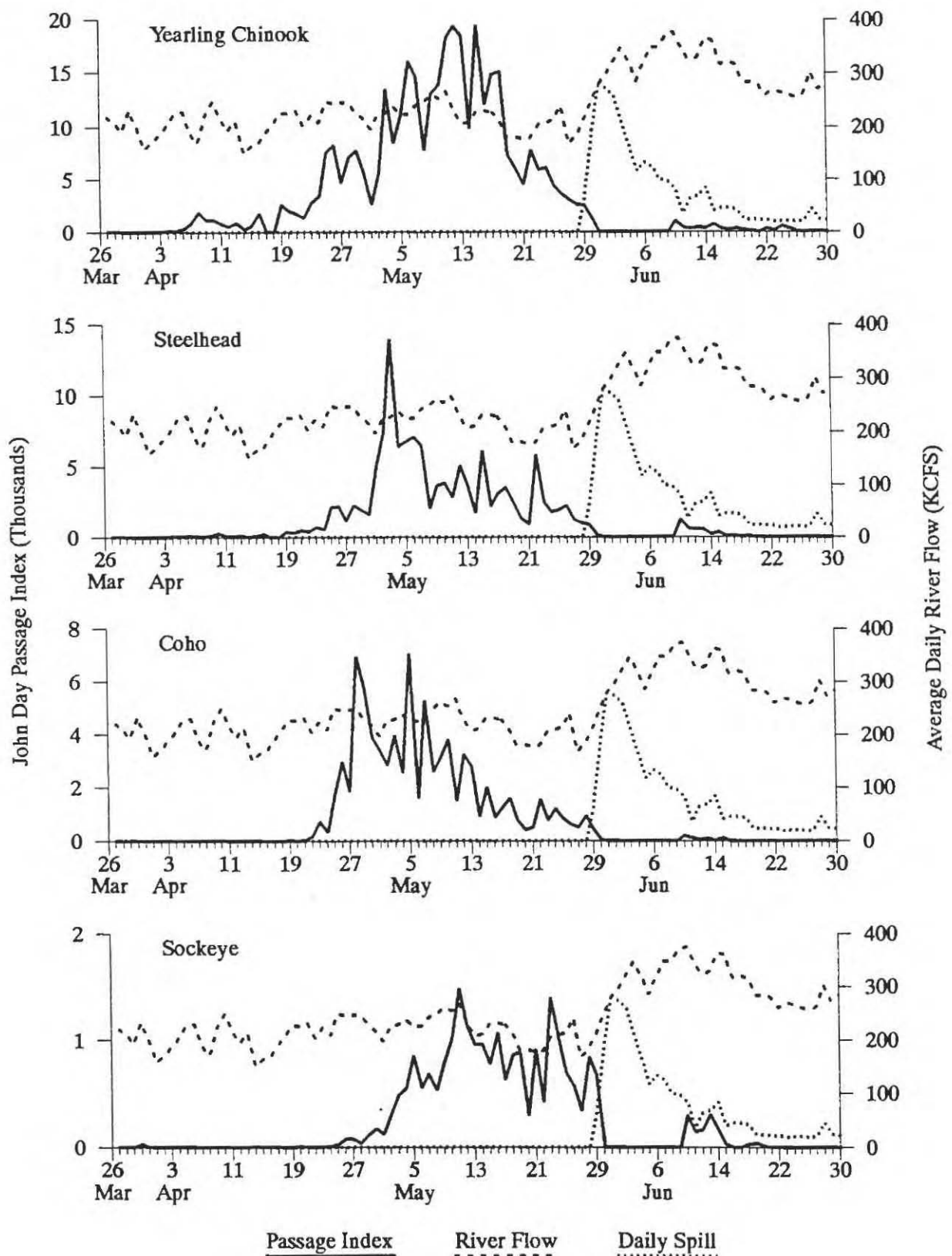


Figure E-5. Smolt migration timing at John Day Dam with associated flow and spill (limited monitoring during Unit 5 outages April 16-19 and May 30 - June 10).

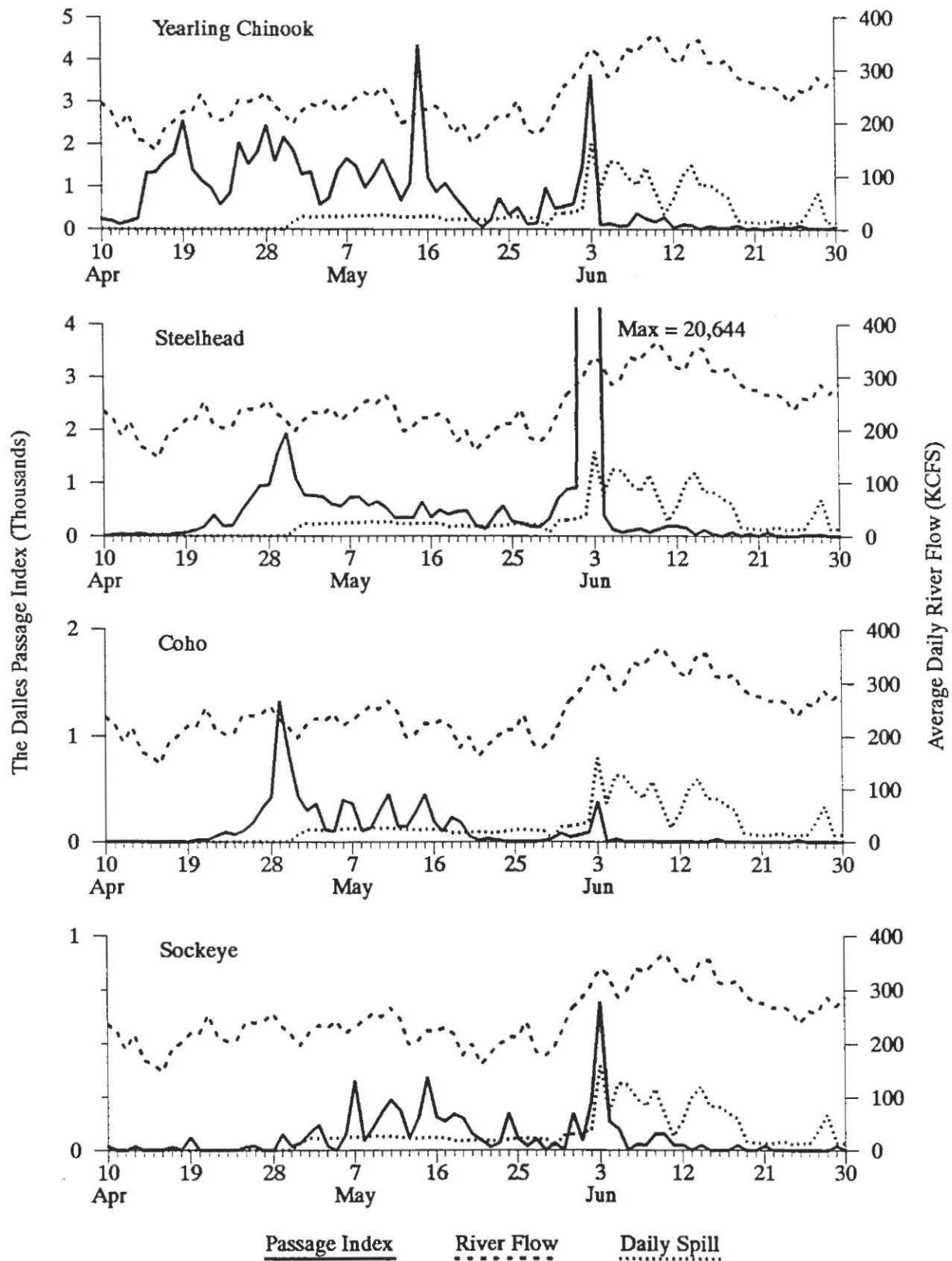


Figure E-6. Smolt migration timing at The Dalles Dam with associated flow and spill (most yearling chinook and steelhead collected on June 2 and 3 are from incidental release of 600,000 barge fish above John Day Dam on May 31).

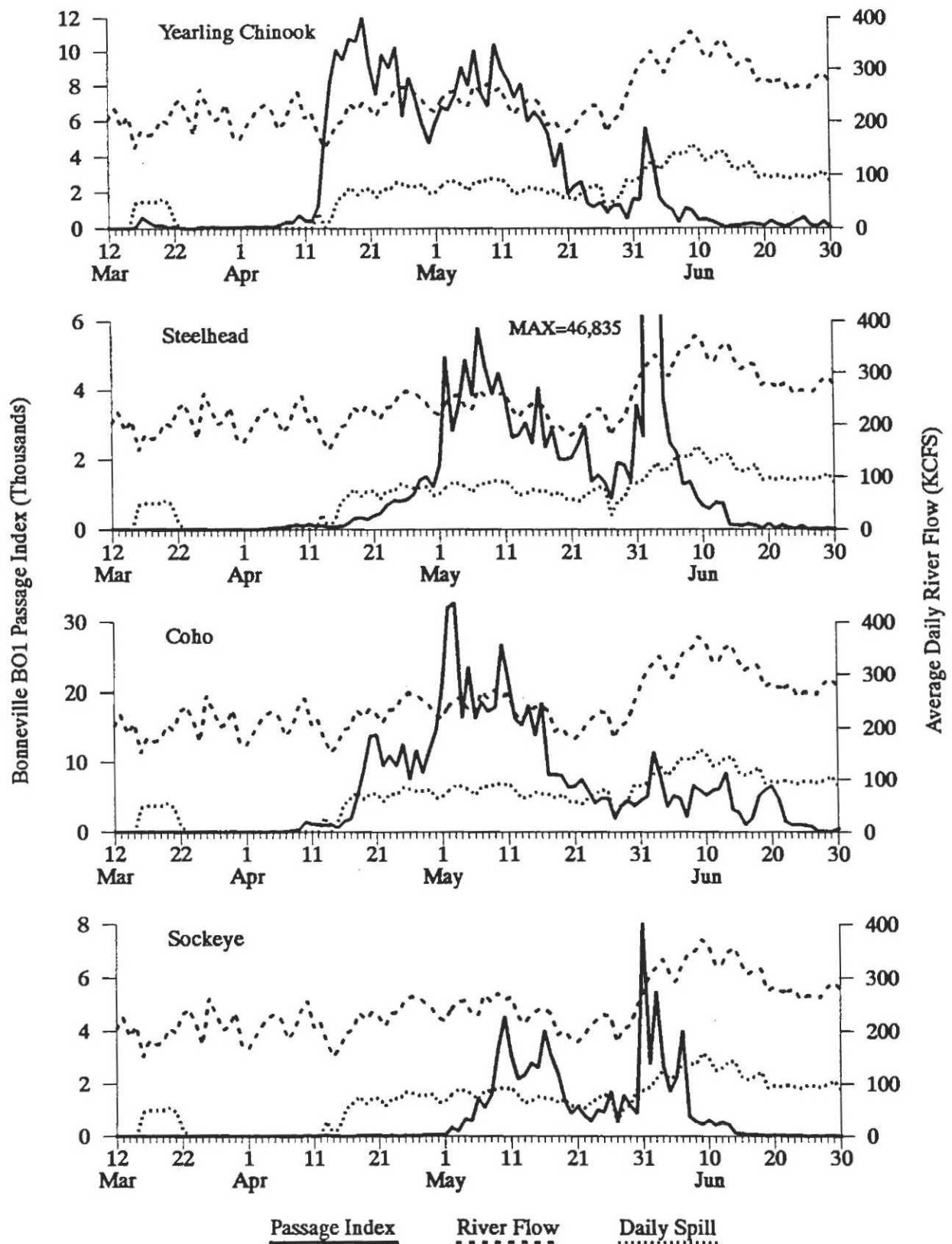


Figure E-7. Smolt migration timing at Bonneville Dam Powerhouse I with associated flow and spill (most yearling chinook and steelhead collected on June 2 & 3 are from release of 600,000 barge fish above John Day Dam on May 31).

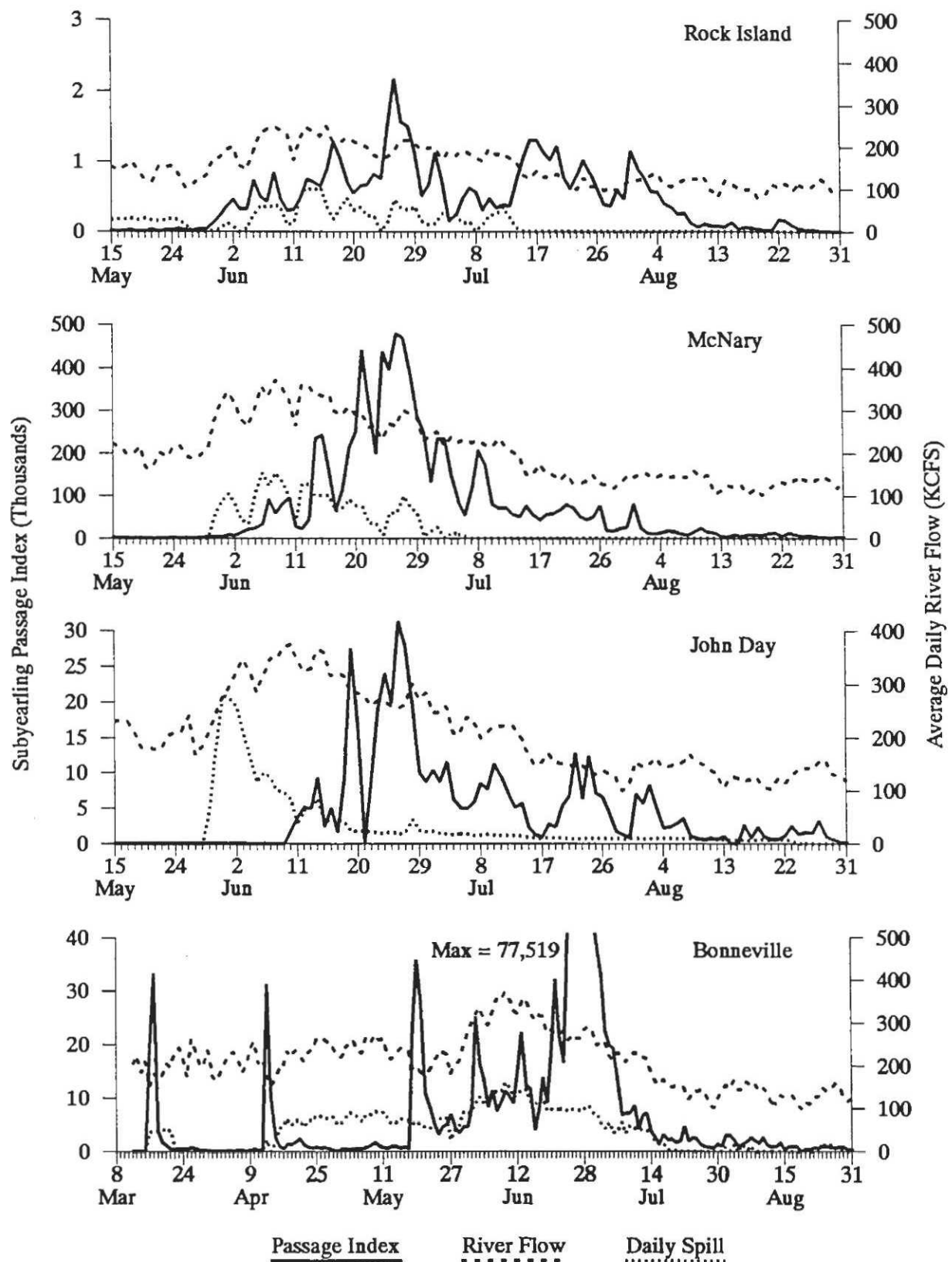


Figure E-8. Subyearling chinook migration timing at key monitoring sites with associated flow and spill.